

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO				Application Number	10/602,276
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Filing Date	June 24, 2003
				First Named Inventor	Stephen B. Memory et al
				Group Art Unit	3744
				Examiner Name	William E. Tapolcai
Sheet	1	of	2	Attorney Docket No.	00655-1031

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
WET		US- 3,283,524	11-08-1966	Byron	
WET		US- 3,552,140	01-05-1971	Palmer	
WET		US- 3,600,904	08-24-1971	Tilney	
WET		US- 3,938,349	02-17-1976	Ueno	
WET		US- 2002/0078698	06-27-2002	Leisenheimer et al	
WET		US- 2002/0157407	10-31-2002	Weng	
WET		US- 6,681,597	01-27-2004	Yin et al	
WET		US- 2004/0112073	06-17-2004	Ito et al	
		US-			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
WET		PCT International Search Report dated October 7, 2004.			✓
WET		D. BOEWE ET AL, "The Role of Suction Line Heat Exchanger in transcritical R744 Mobile A/C Systems", SAE World Congress, March 1, 1999, pages 1-8, XP-001169088.			✓
WET		G. HAUNHORT ET AL, "System and Service Components for Carbon Dioxide Air Conditioning Systems Easton Fluid Power, Automotive Fluid Connectors", SAE Automotive Alternate Refrigerant Systems Symposium, July 2002, pages 1-36, XP001169128.			✓
WET		T. PFAFFEROTT ET AL, "Modelling and transient simulation of CO <sub>2</sub> -refrigeration systems with Modelica", International Journal of Refrigeration, Oxford, GB, Vol. 27, no. 1, January 2004, pages 42-52, XP004469670.			✓
Examiner Signature		WETapolcai		Date Considered	1/19/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/602,276
				Filing Date	June 24, 2003
				First Named Inventor	Stephen B. Memory et al
				Group Art Unit	3744
				Examiner Name	William E. Tapolcai
Sheet	2	of	2	Attorney Docket No.	00655-1031

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pas- sages or Relevant Fig- ures Appear	T <sup>6</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>5</sup> (if known)				
WE		DE 35 45 013 A1	06-27-2002	Leisenheimer et al		
WE		WO 03/042605 A1	05-22-2003	Daikon Ind. Ltd.		
WE		EP 1 445 551	08-11-2004	Daikon Ind. Ltd.		✓
WE		JP 10-19421 & Patent Abstract of Japan	01-23-1998	Nippon Soken Inc.		✓✓
WE		JP 6-137719 & Patent Abstract of Japan	05-20-1994	Daikon Ind. Ltd.		✓✓
WE		DE 1 807 881	06-12-1969	Westinghouse Elec.		
WE		EP 0 779 481 A2	06-18-1997	Showa Aluminum		✓
WE		JP 8-5204 & Patent Abstract of Japan	01-12-1996	Mitsubishi Heavy		✓✓
WE		EP 0 841 487 A2	05-13-1998	Mitsubishi Electric		✓
WE		JP 10-160293	06-19-1998	Sanyo Electric Co.		✓✓
WE		EP 0 803 688 A2	10-29-1997	Mitsubishi Electric		✓
Examiner Signa- ture				Date Considered		
WE Tapolcai				1/19/05		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standards ST.16, if possible. <sup>6</sup> Applicant is to place a checkmark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

✓✓ Translation of Abstract only.